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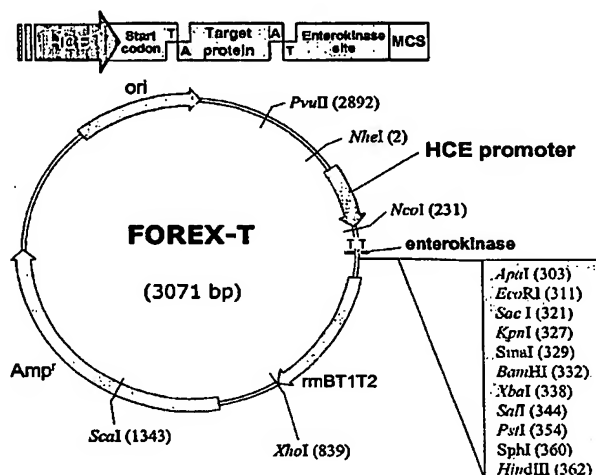
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[Continued on next page]

(54) Title: PLASMID HAVING A FUNCTION OF T-VECTOR AND EXPRESSION VECTOR, AND EXPRESSION OF THE TARGET GENE USING THE SAME



(57) Abstract: The present invention relates to a plasmid (pHCE-FOREX) functioning as both a T-vector and an expression vector, which is produced by imparting a T-vector function to an HCE promoter derived from a constitutive high-level expression vector and can express a target protein in a simple and rapid manner. Also, the present invention relates to an expression vector having the target gene inserted into the plasmid, and the expression of the target gene using the same. The plasmid of the present invention can be converted into a vector that expresses the target protein by one-step T-vector cloning in a simple and rapid manner. The plasmid converted into the expression vector does not require a re-transformation step and allows the high-level expression of the target protein only by the culturing of transformed *E. coli* without the addition of an expensive inducer. Thus, according to the present invention, expression plasmids for large amounts of target genes can be produced at the same time, so that the present invention will be very efficient in establishing expression systems for certain genomes and gene groups.



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